

Reading Assignment #12

(due: Friday, September 21, 8 am)

(my email: kvollmay@bucknell.edu)

Read: Taylor §6.3 & §6.4

1. Taylor's problem (6.10), which is the first half of problem 3. of homework assignment #4. (no answer required for this part of the reading assignment, just "done")
2. Taylor problem 6.26. This problem is another practice to go through the argument of obtaining Euler-Lagrange equations (as we did on Wednesday in class). So this is to verify that we will be allowed to do, what we will be do during the next week and a half, namely using the Euler-Lagrange equations to simplify our life compared to Newton's method. (For this problem it might be easiest to hand me in class, Fr 9am, your equations.)
3. **Comments:** What of this reading did you find most difficult and what did you find most interesting? Is there a specific topic you would like to focus on, on Friday in class?